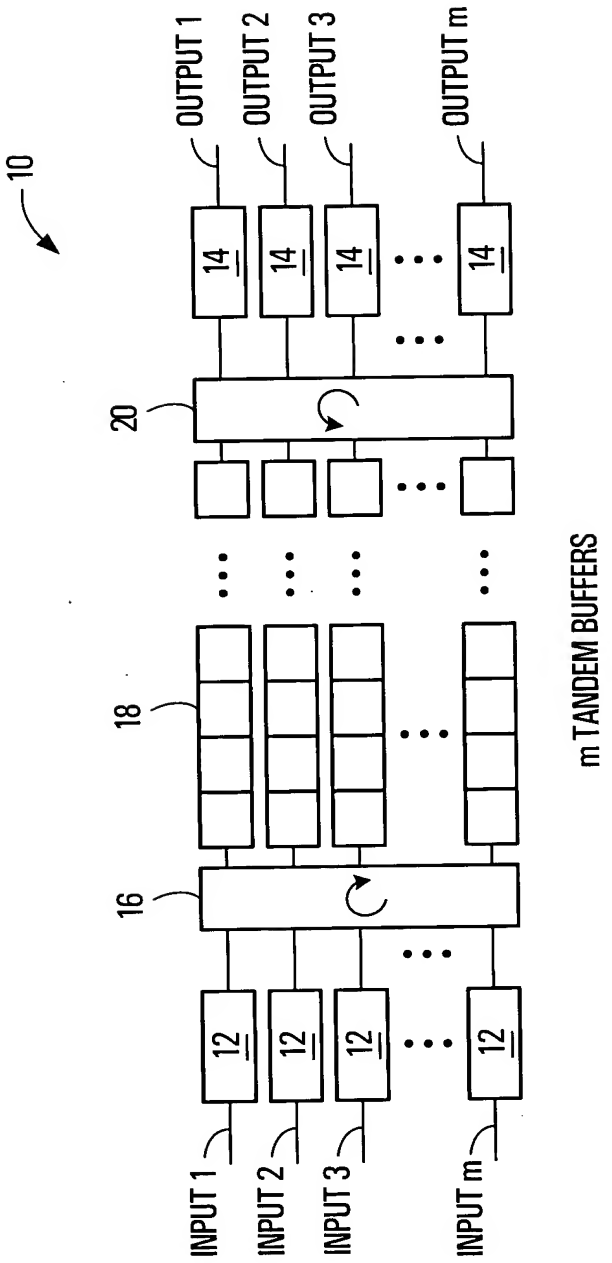
10
INPUT 1
INPUT 2
INPUT 3
INPUT m
12
16
18
20
OUTPUT 1
OUTPUT 2
OUTPUT 3
OUTPUT m
14
m TANDEM BUFFERS

FIG. 1

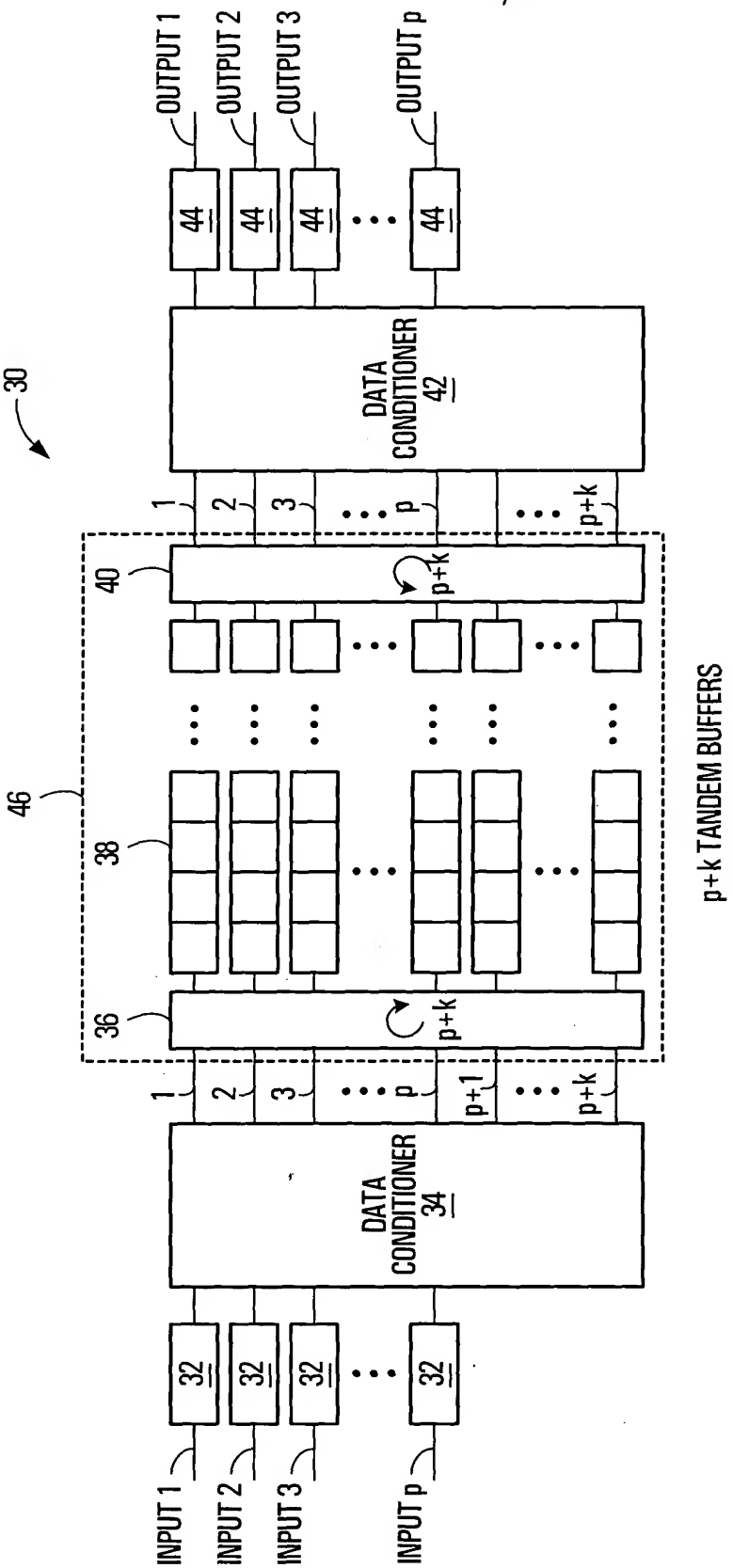
30
INPUT 1
INPUT 2
INPUT 3
INPUT p
32
DATA CONDITIONER 34
36
38
40
46
p+k TANDEM BUFFERS
DATA CONDITIONER 42
44
OUTPUT 1
OUTPUT 2
OUTPUT 3
OUTPUT p
1
2
3
p
p+1
p+k

FIG. 2

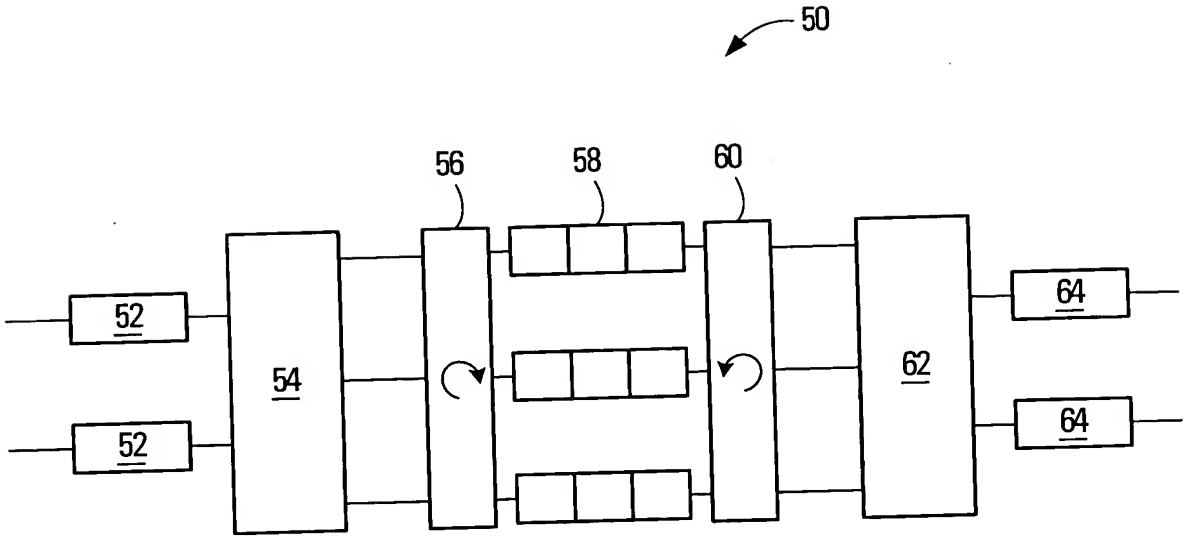
50
56
58
60
52
52
54
62
64
64

FIG. 3A

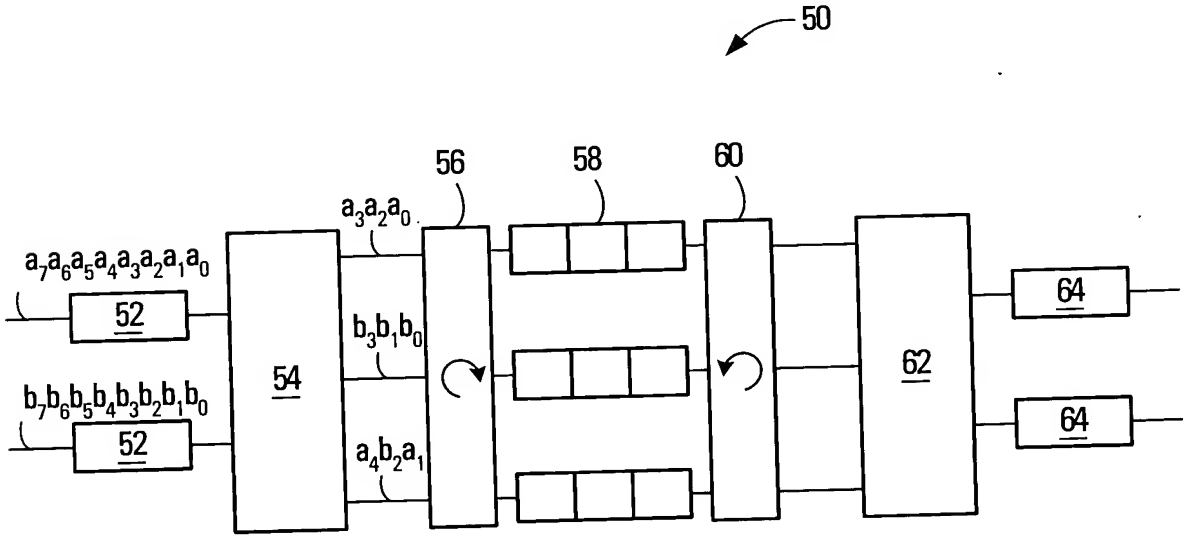
50
56
58
60
$a_3a_2a_0$
$a_7a_6a_5a_4a_3a_2a_1a_0$
52
$b_3b_1b_0$
$b_7b_6b_5b_4b_3b_2b_1b_0$
52
54
$a_4b_2a_1$
62
64
64

FIG. 3B

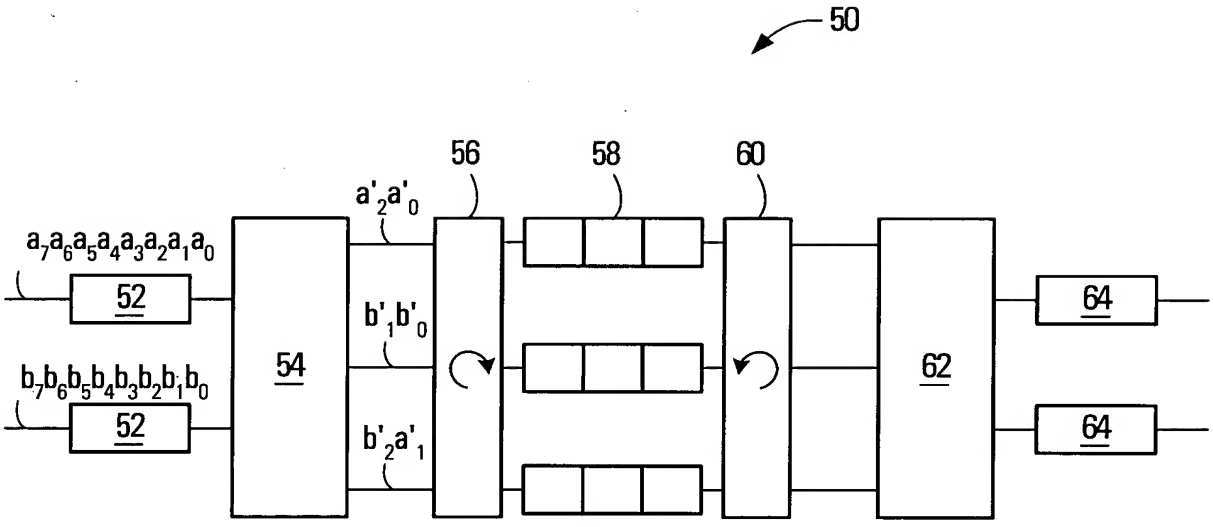

FIG. 3C

a'_0 = h + 2/3 of a_0

a'_1 = h + 1/3 of a_0 + 1/3 of a_1

a'_2 = h + 2/3 of a_1

⋮

b'_0 = h + 2/3 of b_0

b'_1 = h + 1/3 of b_0 + 1/3 of b_1

b'_2 = h + 2/3 of b_1

⋮

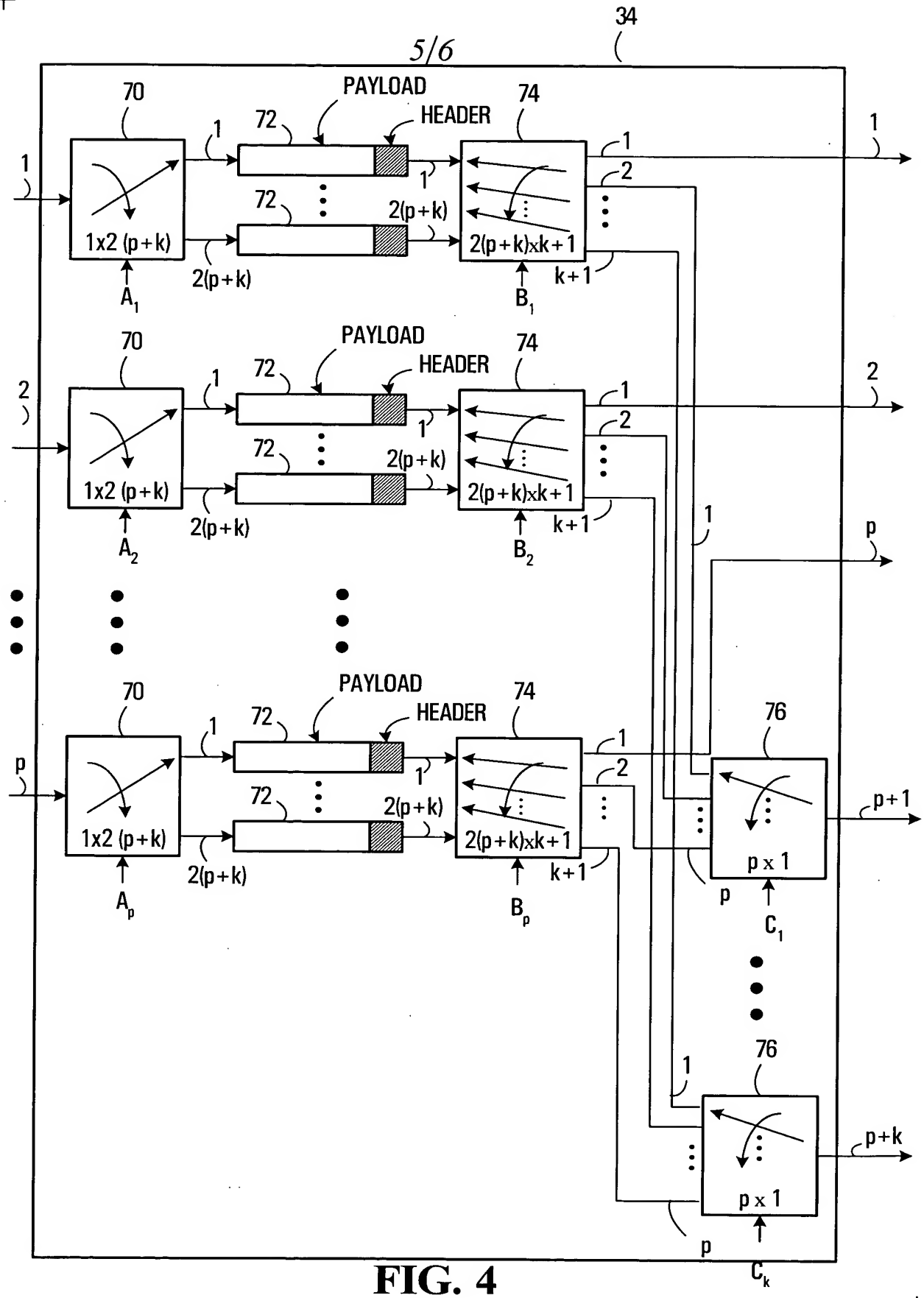
34
70
PAYLOAD
HEADER
74
72
1
2(p+k)
1x2 (p+k)
2(p+k)xk+1
k+1
A1
B1
A2
B2
Ap
Bp
76
p x 1
C1
Ck
p+1
p+k

FIG. 4

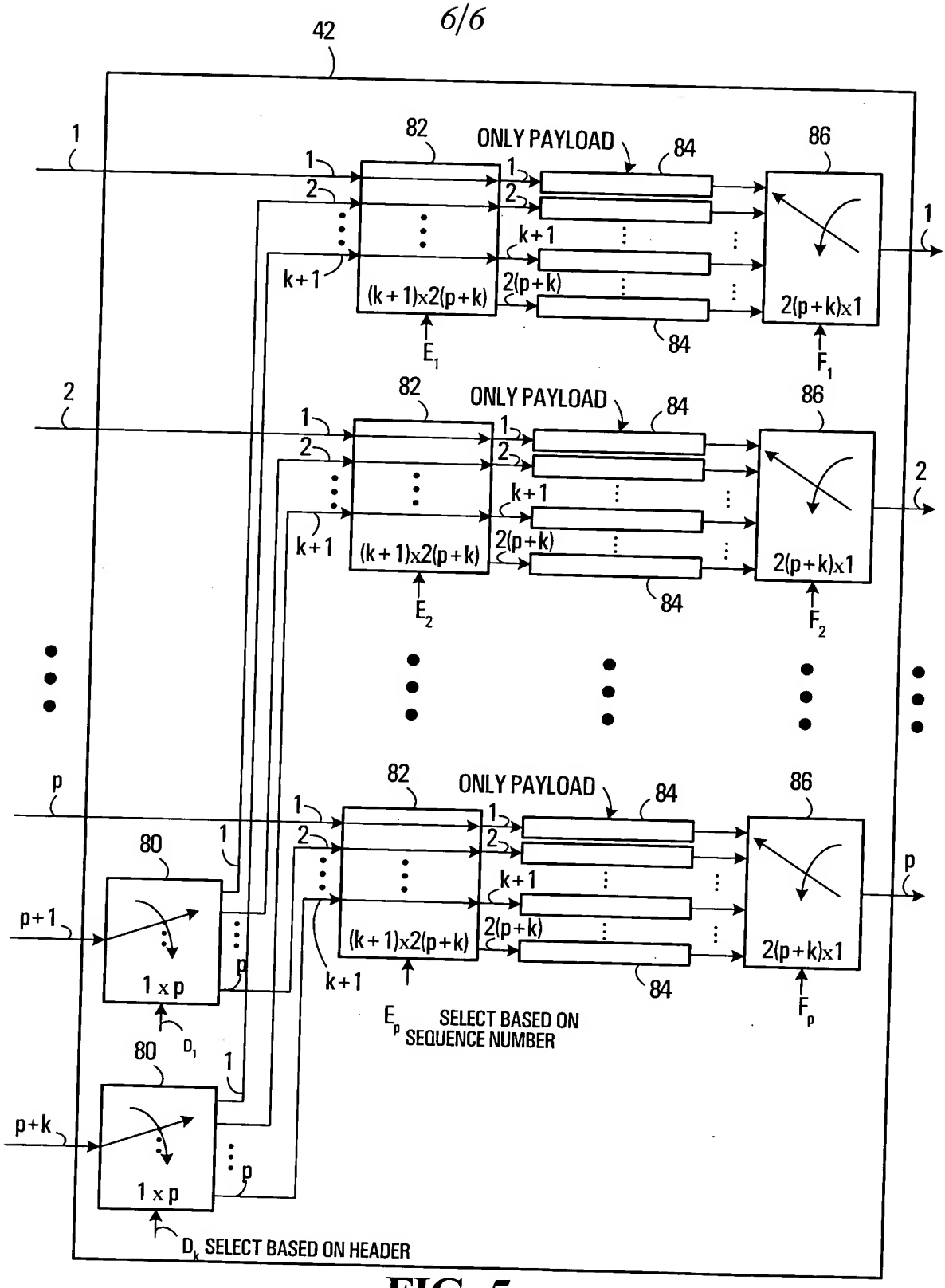
42
1
82
ONLY PAYLOAD
84
86
(k+1)x2(p+k)
2(p+k)x1
E1
F1
2
E2
F2
p
80
p+1
1 x p
D1
p+k
Dk SELECT BASED ON HEADER
Ep SELECT BASED ON SEQUENCE NUMBER

FIG. 5